

15A NCAC 02D .0937 MANUFACTURE OF PNEUMATIC RUBBER TIRES

(a) For the purpose of this Rule, the following definitions shall apply:

- (1) "Bead dipping" means the dipping of an assembled tire bead into a solvent-based cement.
- (2) "Green tires" means assembled tires before molding and curing.
- (3) "Green tire spraying" means spray coating release compounds inside and outside of green tires to remove air during the molding process and prevent the tire from sticking to the mold after curing completion.
- (4) "Pneumatic rubber tire manufacture" means the production of passenger car tires, light and medium truck tires, and other tires manufactured on assembly lines.
- (5) "Tread end cementing" means the application of a solvent-based cement to the tire tread ends.
- (6) "Undertread cementing" means the application of a solvent-based cement to the underside of a tire tread.

(b) This Rule applies to undertread cementing, tread end cementing, bead dipping, and green tire spraying operations of pneumatic rubber tire manufacturing.

(c) Emissions of volatile organic compounds from any pneumatic rubber tire manufacturing plant shall not exceed:

- (1) 25 grams of volatile organic compounds per tire from each undertread cementing operation;
- (2) 4.0 grams of volatile organic compounds per tire from each tread end cementing operation;
- (3) 1.9 grams of volatile organic compounds per tire from each bead dipping operation; or
- (4) 24 grams of volatile organic compounds per tire from each green tire spraying operation.

(d) If the total volatile organic compound emissions from all undertread cementing, tread end cementing, bead dipping, and green tire spraying operations at a pneumatic rubber tire manufacturing facility does not exceed 50 grams per tire, Paragraph (c) of this Rule shall not apply.

*History Note: Authority G.S. 143-215.3(a)(1); 143-215.107(a)(5);
Eff. July 1, 1980;
Amended Eff. July 1, 1996; December 1, 1989; January 1, 1985.
Readopted Eff. November 1, 2020.*